A.A. EVANS

Medical Notes

from

Doctor Rush's Lectures Vol. 3d.

"Let no man enter the temple of Medicine who is not acquainted with the pulse" Rush

Isaac A. Evans.

C. Mitchell

885.33

Notes

taken from Dr. Rush's Lectures upon the institutes and practice of Medicine, and on Clinical Cases.

[redacted]

Volume Third

Amos J. Evans.

Catalepsy. is not attended with falling down - the patient remains in the position in which the disease found him on the attack - Use bloodletting and afterwards stimuli - pleasing objects, &c.

Coma is a disposition to sleep longer than natural - sometimes continues for weeks and even months - the usual remedies are bloodletting purges, cataplasms, &c. It is probable gentler remedies would be better - for it is a fact that whispering will raise talking, when hallooing will not - &c. Watchfulness. There is an account of a Spaniard who never slept above 1/4 of an hour in the 24 - this wakefulness occurs in fevers, &c. it is a premonitary symptom of madness - Bark has induced it for 3 days together - affections of the mind - studious men are most subject to wakefulness - it often occurs in the decline of life, owing to the return of the irritability of childhood. It is sometimes at-

=tended with a throbbing of the temples. how, bloodletting has been useful- when this is objected to,- cupping- purging- abstinence- going to bed without sup=per - avoid in these thinking- walk be=fore bed time to reduce the excitement to the sleeping point- Keep the feet warm Keep up a similar train of thinking; as counting too backwards- imagine you see a large flock of sheep jump=ing over a fence one after another, leaving of wheat fields- monotonous sounds- Eolian harp- noise of wa=ter- a dull reader- small doses of opium- eating a moderate supper- a small draught of wine- jumping out of bed, and walking across the room a few times, thereby throwing the excitement from the brain into the legs. Throwing off the bed cloaths. a Candle burning in the room has induced sleep- Keep on the side- accustomed sounds- as the ticking of watches. Hops placed under the head of pillow- They are gently stimula=ting- placing on a little stone, with the

head to the circumferance - vide Darwin.
going to bed at the same hour every night
avoid new thoughts, or distressing or painful
feeling news. As solitude attends it and
helps to keep up wakefulness - we should
endeavour to remove it by telling them
of cases worse than theirs, remedied by
practice, &c. &c.

February 16th Lecture 81st. There is
one important article in the Prothysis
is of Apoplexy - viz. to forbid patients, or
persons predisposed to it, to sleep in an arm
chair, or any where, where the head will
bent out of its natural position - it is
hurtful for any person. Vertigo, occurs
often in gout - is a precursor of the piles
sometimes - sometimes objects appear
to turn round - sometimes wavelike
many of both sexes are affected with it
about puberty - it more frequently
terminates in palsy or apoplexy - Vertigo
is a higher grade of morbid action than
headache - Remedies, small & repeated be-
nasection; which will reduce it to headache
blisters - cold water - purges &c. avoid remote
and exciting causes - as tight cloaths: light
floors have induced it - avoid coffee, or at

least use it weak - Garlic is a pro-
=phylactic - it was introduced here by
a superstitious dreamer; but it is a
good nervous medicine.. Head ache af-
=fects different parts of the head as the
occiput, os frontis, eyes, - the scalp is
sometimes sore to the touch - the fet
are generally dry and cold - the face is
=the flushed, or pale & cold - the ears
are sometimes affected with noises..
a vomiting of biliaous matter takes
place. it affects young more than old
people - it is generally periodical; some
=times coming on daily, weekly, monthly
halfyearly, and annually - Cullen says
10 to one who are affected with it to one Man
it is a symptom of gout in women; hence
they do not have gout in the fet so often,
causes - a pual formation of the head,
in this case it is hinditary. Fevers of
all kinds; particularly intermittents -
All writers bear testimony that gout
will cause it - Gout alternates with
headache sometimes - Rheumatic head
=ache occurs frequently - is known by

its remissions, giving way to pain in other parts as likewise does gout, is fixed in one part. a sick stomach is supposed to cause headache; but Dr. R. thinks the sick stomach is oftener the effect of the disease in the Brain, than vice versa. Rancid oils cause headache upon eating them. bile on the stomach. abstinence - suppression of the menses often causes it in women - certain odors - riding in the wind. long standing - cold feet, &c. The hair becoming dry & bristly, &c. indicate an attack of headache. Cure. Emetics. purges - Laudanum - pediluvium. drinking warm water - abstinence. Repeated Emetics injure the tone of the stomach. Blud when the pulse indicates it - not - bilious - darkness is of great consequence - Ether - cold applications to the head - Bleeding is seldom necessary in periodical headache but when there is throbbing, & apoplexy is threatned, it is proper - Cold air to the head - Stimulatories, cautiously used or neither errhines, in mild headache

are useful. Fright has removed a paroxysm of it- Ether applied to the forehead on Lint, is good sometimes. Where the pulse is weak, opium, wine,- Laudnum has been taken to the extent of 300 drops- warm applications to the head- The Steam of Vinegar poured on hot bricks- eating has cured it, by the exercise of mastication. a blister behind the ears, or to the head. Radical remedies- Bark- Sleeping without a night cap- also with a woolen night cap - wearing a wig returning to old habits; as the use of Tobacco &c. pepper has relieved it. occasional bleeding- cupping has been found useful- a few glasses of good old madeira wine have removed a paroxysm of headache. . . . . .

February 19th Lecture 82nd. Headache continued. it is caused sometimes by Condylomata or haemorrhoidal tumors; which cause straining and determine to the head.- producing distressing chronic ~~diarhea~~ headache- This has been cured by a cap with garlic quilted in it, and worn.. Salivation fails oftener in this disease than any other, but it should be tried.- Drawing some old decayed teeth

[illegible] it. A change from Country to City life & vice versa has cured it.

Epilepsy Dr. Rush knows but little about its nature; but debility is certainly its predisposing cause, — as it occurs most frequently in the night. it affects from childhood to 50 years of age. occurs periodically in 24 hours, or 6 months. Parturition has taken place during a fit without the consciousness of the patient. It has grades of violence; as slight fainting fits, tickings, &c. up to extreme violence. people sometimes live to great age under it, and without impairing the mental faculties; — but it often causes fatuity. The blood is sometimes forced through the skin in the fits; and dissections have proved that the blood is confined chiefly to the arteries. Attend to this. Gentlemen, says Dr. R. may it not, asks he, be a deep seated disease of the Arterial system? a Tornado compared with the steady gales of common fever? Remote causes: fright in penury - Insanity - fights - Shipwrecks - sleeping on wet

Risible Risorius risus- violent laughter
risorius. &c. it is sometimes congenial
A pregnant Lady brought forth a child
subject to epilepsy, in consequence of
seeing a person in the fits, during her
pregnancy- Desagneau. Teeth have caused
it- Local causes- lesions of the brain
mal conformation. Association of
ideas. Certain changes & accidents
have cured Epilepsy as puberty- preg
nancy- a camp life- age- violent
burns &c.. Remedies- are divided
into 3 classes.. those which are pro
per in the forming stage- in the
Paroxysm & during the intervals- The
premonitary signs, are a bitter taste
in the Mouth- false vision- tense
pulse- slow pulse- headache inflam
mation of the kidneys adrenals- horror
of death- Aura Epileptica- &c. preven
tatives. Ve section, if the pulse be
tense), Emetic- Sparing use of ani
mal food- purges as sulphur- &c. a dose
of opium has often prevented it- a cup
of rue juice. the smell of sulphur.
Ignis applied to the Stomach. ligature

to the utmost to prevent the Accn from proceeding - such - bullens case; vomiting or suddenly rising out of bed has prevented it - keeping a bit of wood in the mouth to keep the Jaws apart - The remedies in the fit are few - Infection lessens the violence of the ~~subse~~ fit - In the highest grade; depleting remedies, to reduce the System to a proper state - 1st Bloodletting - the blood has a sizzy appearance - a Milk diet, is very good - to be effectual it must reduce the System very low - the quantity is a pint for breakfast - a Quart for dinner - & a pint for Supper; without any bread or other substance with it - The Bodmins live below the disease viz. on Vegetable diet intirely - Albumen greenum - cranium humanum - these act thro, the medium of the Mind, by exciting disgust, nausea, & loathing - thereby moderating arterial action - A palivation, kept up for a Month, or 6 weeks. The discharge lessens excitement by the ~~diet~~ abstinence connected with it - It is different to make the Mercury

ect- nor nothing should precede its exhibition
In the inflamed remedies the reverse of
these should be used, viz. Tonics- bark opium
given until it excites delirium- Stramonium
nium until it induces giddiness; upon the
same principle as opium- Mistletoe- Me-
tallic tonics; as blue & green vitriol- Zink
in flowers, or in the form of white vitriol-
Saccharum Saturni- Arsenic and nitrate
of bismuth- Nitrate of silver; one fourth of
a grain twice a day, increased gradually.
If it be true that it is a deep seated dis-
ease of great violence, the remedies must
be powerful. Experience shews that they
must be powerful. Drunkards are less af-
fected by bark and other stimuli, than others
A cordial diet should be used; and exercise, or
rather labor. What if we were to excite a
higher fever? we have seen it cured by a
slight fever. fever has cured palsy. &c. Stone
& Spurs, in the arms and legs have been
useful- but in the legs they may be hurt,
on account of the crura. Actual cautery
on the Sagital & Coronal Sutures. Clysters
of the infusion of Tobacco- Change to a tem-
perate and uniform climate- change of
residence- uniformity of nature & quantity
in diet.. After Vejetion, Salivation, & mild

quiet. the other remedies should be properly applied. exciting causes should be avoided; as ardent spirits, &c. worms should be expelled— decayed teeth should be drawn. It has been removed by removing a ragged wart. Think of these things, Gentlemen, says Dr. R. in your retirement, and on your beds. The man who shall discover a radical remedy for Epilepsy, will deserve better of the World, & humanity than the discoverer of the Georgium Sidus or the hero of Lodi & Marengo!

Febry. 18th. Lecture 63d. Hysteria

Dr. R. knows of no difference in the morbid action in hysteria & the Gout. It is not the gout of broad cloath, but of Muslin. The Symptoms are a rumbling in the bowels. Clavis Hysterica - laughing crying, &c. The mind is capricious - is constant only in inconstancy. It is frequently the effect of gout. A disposition to laugh or Cry at trifles, prevails. Hysteria affects women from puberty to the cessation of the Menses. It does not affect delicate women alone, but often the most Masculine. It is distinguished from Hypochondriasis by the affections of the nervous system.

Mobility - and inconstancy: - It often precedes Hypochondriasco; and the latter often goes off by the same door it enters; viz. by Hysteria. They often alternate. Disease of the nervous system often commence with hysteria.

Remote & exciting causes, plethora - use of strong Tea & passions - as anger ~~fright~~ fright. &c. certain smells. It has its seat in the nerves and alimentary canal. The proximate cause is morbid excitement - the remedies in a paroxysm are stimulating applications - burnt feathers, &c. So great is the retrograde action and spasmodic affection of the Bowels - that the sphincter ani has been known to shut off a clyster pipe, & draw it several inches up the rectum! Stimulating gums should be used - tight bandages. Wine - Saccharum Saturni. Myrrh, &c. cold bath. Stimulating plasters to the abdomen - Gallic - exercise on horseback - in a Garden - in a family the larger the better; for few good houses ~~wives~~ wives have the disease! The steady excitement of some passion; as fear, grief, &c. There is a difference between stimulating and nutritious diet. A cold climate. Matrimony should be advised to widows

and young girls; which often cures if follow-
:ed by child bearing. . Asthma comes
on with difficulty of breathing - little expect-
:ration - &c. predisposing causes - Malforma-
:tion of the breast &c. It differs from Dysp-
:noea by not being constant. It attacks
during an erect posture of the body. Certain
winds, as the East wind, and states of
the weather have produced it - Certain
particles of matter in the lungs; as dust,
metallic fumes - smoke of Tobacco - certain
odors. Ipecacuanha has caused it, vide Med:
Com: Carbonic acid gas - Stoppage of cer-
:tain evacuations. In all chronic diseas-
:es the Meals should be at ~~Irregular~~ regular hours
but more especially in Asthma. Imagi-
:nation has caused it - tumors in the
Trachea - matters received into the trachea
as a water pipe low feed. Situations on
the Sea Shore. The seat of this disease is
in the bronchial vessels. Spasm: the
heat of the body is below Natural in
this disease. Inspiration becomes
rapid & convulsive - lungs emit a
rattling noise. The patients are unable
to lie down in this disease. They sit
with the legs horizontal, head hanging
down forward. Some have 36 fits

annually. The lungs discover great marks of disorder in old cases, on dissections. but recent cases shew none at all. This shews it to be a disease of great morbid action in the form of Spasm. It has been divided into Spasmodic & pituitous. Sometimes both dry & humid exist in the same person. In young persons it is Spasmodic. in old ones, humid. premonitary signs. Languor. difficulty of breathing at night, &c. These may be prevented by Emetics. The cure is divided into 2 Kinds. 1st during the paroxysm; & 2d to prevent its return. When there is much oppression use, use Injection. The pulse will indicate no inflammation; but it will be full. Bloodletting shortens the paroxysm. Ipecacuana. or Tart: Emetic is better than Squills; because they act more speedily. Use purges when the patient is costive, or repeated emetics. After the morbid action in the Lungs is reduced, give Laudanum in small repeated doses, with or without asafetida. Use pediluvium, inhalation of Steam. Oxygene gas. Blisters to the Wrists are very good. there is

a Sympathy between the Lungs & Skin. Strong coffee - Smoking Tobacco - cold and warm air, according to the different states of the System, change of air, even of another room, or story as in the cellar. City air is most agreeable to Asthmatics; because it is less subject to [redacted] great changes. Remedies during the intervals of Asthma is a curable disease - It has been cured by pregnancy; and by the change in duced by the expulsion of the Menses - by new diseases - by change of climate &c. Have regard to the nature of the disease. In dry Asthma go to a warm climate. A sponge filled with water held to the mouth, preserves travellers in dry sandy country. A Basson of water should be set on the stove. But in pituitous Asthma, a dry air is best. Avoid plethora, by low diet and occasional Ejections. Avoid all exciting causes - use cold bath - hard labor; or at least exercise; as rowing shuttlecock, coits, &c. and long journies - Sleep on a Matrass. No exercise is equal to rowing in this disease, for an hour or two; it agitates the lungs gently. Leaving off old habits brings on Asthma,

and recurrence to them cures it; as taking snuff. Garlic and oil of Amber taken as medicines - Oxides of Iron - when Asthma is owing to tumors in the Trachea, puncture it - with. Med. Transact. In this disease there is great connection between the stomach and Lungs. change of occupation should be tried. See Morgagni on the Tumors in the Trachea. . . . .

February 19th Lecture 11th. Dyspnoea an enlarged liver has caused it pregnancy excessive fatness - tumors in the Trachea, in this case they should be punctured. In pregnancy, the stems should be depressed by bandages - when owing to fatness temperance and labor. - Angina pectoris - is distinguished from hydrothorax by being less exuberant, and not being preceded by disease. It affects people in climbing stairs - is attended with pain in the arm. It occurs in hysteria. Hypochondriasis, &c. Dissections have shewn, as causes of this disease, a quantity of fat in the Mediastinum - ossification of the heart, & Arteries - &c. these have been called its causes; but Dr. M. believes them to be effects; because they do not always attend - it kills suddenly, &c. Patients sometimes expire in extreme excitement of the parts affected. port Wine is the worst drink in the world for Gouty patients. - Floating gout terminates in Angina pectoris.

The seat of the disease appears to be in the heart: the effect of preceding debility, & subsequent inflammation. When the pulse is full, bloodletting- the blood has been found dissolved- this proves inflammation. In the early stage, Dr. R. cured it by two bleedings. But when the pulse is low, the steel tonics nitrical. Allum- issues in the thighs & arms have been found very good- Exercise- It sometimes ends in hydrothorax. Tremors- are a tendency to palsy; owing to the use of strong drink- excessive use of Snuff, which has been cured by leaving off Snuffing- working in lead causes it- frights. It affects the limbs organs of Speech, &c.. occurs mostly in the declining of life... Treatment- avoiding exciting causes. Remember the story of the schoolmaster who cured tremors in the arms of his Scholars by ligatures- tremors often cease during sleep.. Convulsions are often owing to plethora; as in pregnant and hysterical women. In this case copious bleeding causes them to yield universally. 10 ounces will not do- more must be drawn. Even children, who are most subject to them require it. When it owing to frights- tonics especially Laudanum- ! Chorea Sancti Viti- consists in ludicrous motions of the limbs and side. is often owing to worms in children. when it is owing to

plethora - bloodletting. - after depletion, to-
nics; as steel - cold bath - exercise, and if
these fail a salivation. - Convulsion of the
diaphragm, or hiccough. occurs after laugh
-ter - drinking too much, &c. when it oc
-curs in fevers, remedies to the state of the
system. Defection - Laudanum - g swallows
of water - fright is a common cure a-
-mong school boys. Cramps often occurs
in pregnant women - affect the abdominal
muscles, sometimes -. This is a symptom
of Cholera Morbus. In pregnant women,
cramps require attention - bloodletting -
When it occurs in the lower extremi-
-ties prop the feet against the foot of the
bed - walk about apply a ligature above
the knees - rolls of sulpher squeezed in the
hand, relieve merely mechanically. &c.
Colic - is spoken of here merely as a
local disease of the bowels. It is induc
-ed by eating certain aliments - by the
disease of neighbouring viscera - cold
feet - passions of mind. It is known when
symptomatic, by the pulse, &c. vomiting of
bile. - predisposing cause - debility -

proximate cause; Spasm, either tonic, or Clonic. - It has been prevented by a dose of Laudanum - or riding on horse back. - ...

Feby 21st Lecture 85th - Colic is an intestinal State of fever - is seated in the muscular fibres of the Intestines - Is attended sometimes with vomiting - twisting about the navel - purging But costiveness mostly attends it. It is caused by unripe fruits - swallowing cherry stones has caused it. pork & veal - sour wine in which lead has been infused; this causes Colica-pictonum - sour cider - It is sometimes caused by diseases of contiguous parts; as the liver - it is then known by the patient not being able to lay on any side but the right. ruptures cause colic - cold feet - tight shoes - the premonitory signs are dry, cold feet, hurr a purge and pediluvium will cure. Remedies for a paroxysm - first bloodletting - Clyster to prevent fever and pain. Dissect him after death sounds inflammation; for dissection of liver shews no mark of disease. Bloodletting should be copious, in order that

opium may be given. Take notice, gentlemen says Dr. R. that I mention opium before purgatives. The seeds of burdock made in to a tea, and given as soon as the pain is removed; and not before. Use gentle cathartics; as Senna. Castor oil-opening clysters - large clysters of water to distend the bowels. When there is danger of intus-susceptio. Clysters of cold water. Crude quicksilver does not do much good. Dr. Cadwallader never gave purgatives until the 4th or 5th day; and then very lenient ones. he treated it successfully: but Inspection prevents this tedious practice; renders it less necessary. warm bath should never be omitted - blisters to the thighs-wrists, and ankles - are better than to the bowels - especially to the thighs. relaxing and stimulating applications externally - throwing cold water all over the patients body, this induces reaction - and determines to the skin. Salivation as soon as the mouth gets sore, the bowels relax. colic generally gives way as soon as the patient can pass urine. When the griping

gets below the navel the prognosis is favorable. the most certain sign of recovery is a diarrhoea. Remedies to prevent the paroxysms avoid exciting causes. an excellant quack remedy is Salt & cream of Tartar. The smell of paint has re-excited the disease; and should be avoided. Oily diet has prevented it. Warm dress is good to prevent it. avoid cold feet & wetness. it has disappeared in Philadelphia very much. the causes are, a more frequent use of flannel next the skin in both sexes - the disuse of punch; it was once much drank. abolition of heavy suppers. the 2 former have nearly driven it from the West Indies. Great Cyder drinkers are apt to have rheumatism when they dress warm, and Colic when they dress thin. Colic has caused palsy of the limbs. pickles should be avoided when there is a predisposition. use regular exercise chiefly on horseback. It is a good prophylactic.

Chronic diarrhoea - attended with frequent stools with pain, without fever - composed of mucus. It is always preceded by general, or local debility; and is excited by local irritants. cold feet, &c. Boerhaave in his Legacy recommends to keep the feet warm, and head cool. A person disposed to it should avoid new acquaintances in his stomach. Drastic purges have caused it. Absorp

tion of pus discharge of pus from the liver
It is caused by Bile in warm ~~climates~~ countries
It is called downward consumption in Virginia
Pregnant women are often affected with it
Dysentary has terminated ill it. It has sometimes continued 15 or 20 years, without injury. but much oftener proves fatal in a few years. Remedies. Emetics according to the pulse - Emetics - purgatives of Jo & Steel Rhubarb - Blisters - pukes should be ~~used~~ repeated 2 or 3 times a week. opiates 2 or 3 times a day; and such a dose at night as will prevent the patient from rising in the night; which is injurious. Ipecacuan Dovers powder - Astringents; as the gall preserip tion mentioned formerly Diet suited to the System - if the stools are dark vegetable food, as boiled rice, barly &c. But if the stools are grey Animal food and Alkalescent remedies If acids affect the bowels, demulcents - Mallows Tea - flaxseed tea - peppermint tea Blisters - The skin and bowels act like ~~to~~ antagonist muscles on each other - Think of this says Dr R. again & again - Warm bath - Vapor bath - cold bath - Clysters of Starch & Laudanum. a change of residence, water & air.

a privy has caused it; and hence the propriety of removal. A sea voyage has cured it. A pleurisy has cured it. Catharsis of Mineral-warm drugs; especially to the bowels.

Costiveness. this term is relative. some require 3 stools in a day. others go many days and even weeks without one. but most people require one a day. A change from full to low diet, & vice versa, has caused it. As has a change from an active to a sedentary life. A Lady died a martyr to delicacy, because the privy was in sight of the room where Gentlemen sat. they should be built in private places. Sailing has induced it. riding on horseback has produced it. Some have come costive from neglecting to go to stool when urged. Corydalis has cured it. To avoid it we should go regularly to the privy. live on laxative food. Rhubarb chewed; or he allowed, in doses of 10 or 12 grs. Never give aloes, or cathartic pills, in chronic costiveness; they are good in acute diseases; but bad here. —

Hooping Cough. — we have whooping without cough. and cough without whooping. also cough with Convulsions. It is often

attended with fever, which is generally of the Catarrhal kind. It is not of the fatal sort in Philadelphia. Remedies to sedation - if great morbid action be present, according to the state of the pulse; especially if attended with hæmorrhage from the lungs. Emetics are excellent; often repeated - plunge cold air, if it be dry, is very good - fever; it acts as a sedative. After morbid action is subdued, tonics - as Red-bark - Asafetida - Garlic - Laudanum in small & repeated doses - blisters to the pit of the Stomach - pitch plasters to the back - change of residence &c &c. The stupid part of creation recommend the prescriptions of a woman who has not changed her name in marriage! and of a man who rides a pied horse.!! Ruellitia.

Febry 22nd Lecture 86th Tetanus consists in a rigid contraction of the muscles. when the body is bent forward, it is call'd emprosthotonos - when backward, it is call'd opisthotonos - when sidewise, pleurosthotonos - or tetanus lateralis - when confined to the muscles of the jaw it is call'd trismus. Remote causes - whatever indu

: es indirect or direct debility. Exciting causes— Sleep
: ing on the damp ground after a great heat—
A draught of cold water when very hot— Sleep
: ing without a cap immediately after shav:
: ing the head— fear and terror— deep grief—
Worms, and other acrid matters in the bowels—
Certain vegetable poisons; as Stramonium
Hopwort, &c. It occurs in some fevers— from
the bite of rabid animals— but most common
: ly from wounds— as: gun shot wounds— bro:
: ken limbs— nails, splints, &c. run into the
body— frosty limbs— cutting the nails too close—
Cutting corns too close— tight shoes, abrading the
skin of the toes— Stumping the toes. It has
occurred from bleeding; when without wound:
: ing a tendon, &c. also from the sting of a
wasp on the Glans penis— Grating sounds
Amputation of the limbs— walking too soon
after fractures &c. In some cases the tetа
: nus appears the next day; and in some not for
6 weeks. Sometimes the wound heals before
tetanus comes on. The less the wound, the more
violent the Tetanus; because then is no in:
: flammation in the part. Trismus Nascenti:
: um is cured by the smoke of cabbins— occurs
most frequently among the negroes of the West

Indies - It is caused by retained Meconium - by putting the navel string with dull scissars. Why does it attack the jaw only, when the disease is in the bowels and other female parts? because the nervous and Muscular Systems are an Unit; and as the Muscles of the jaw are in the most debilitated State, they invite the morbid action, - for Atonia gignit Spasmus - premonitary Signs - Stiffness of the neck - pain in the neck - leaning forward to ease a pain in the back - costiveness - pain in the external region of the Stomach - &c. Remedies in this State - irritate the part & excite inflammation, by Corrosive Sublimate - Spanish flies - Spts: Terebinth: &c. [illegible] Strong Emetics, cure, when the disease is formed - Stimuli were once exclusively used; as opium, wine, &c. Debility only exists in the forming Stage. The proximate cause is morbid excitement. Not much dependance is to be placed on the Lancet; for the bloodvessels do not appear to be the seat of disease - they are insulated - perhaps a large bleeding might do good - but it is best to excite diseases in the bloodvessels by irritation. John Hunter said if he had Tetanus, he would fly to Nova Zembla

op thro himself into an ice house - but we can seldom use cold effectually, because of the fears of the patient. perhaps wrapping him in a sheet wet with cold water, might serve instead. Opium, - 10 or 12 grains may be given every day -. when these cases to produce effect, oil of amber should be tried - it acts on the muscles - the dose, 6 or 8 drops every 2 hours. wine, in Quarts, and even gallons. ardent Spirits. Bark, when these lose effect; this was used for the patient with frost bitten feet - he recovered Hoffmans Flowers Tincture, with mint water. Cold Bath; or affusion of cold water - This was used successfully in the case brought on by abuse of the Sea, by tight shoes. in a Lady - the fainted under it, and was with difficulty revived. the cold bath proved fatal in every case in the East Indies - the reason is obvious, in that debilitating climate, the patients are too much enfeebled for its use; hence the necessity of studying the practice of our own country, or where we practice. Salivation has been useful; but it is difficult to excite. Blisters. Inflaming the limbs by Cataplasms of Mustard. Large Blisters made by hot water. - When the patient cannot swallow, Clysters of Soup,

with Lumbricus. When the Tetanus is owing to cutting the Hamstring with dull bistouris, apply spirit of turpentine to the cord. A gentle dose of rhubarb given to children has prevented it; possibly by discharging Meconium. Giving large doses of the tincture of cantharides, and corrosive sublimate to irritate, and perhaps induce gentle inflammation in the bowels, have been found useful. — — —

February 28th Lecture 87th: — Dyspepsia is attended with acid eructations — heart burn — costiveness. It is produced by causes which act directly on the stomach; strong coffee or tea, ardent spirits large draughts of cold water at night, or in the morning swallowing aliments without proper mastication — use of Tobacco — except use of cigar, &c. and also by causes which act indirectly through the whole body; as in turn Study, leaning forward — except in the very gallstoned — pregnancy &c. predisposing cause local debility. proximate cause — morbid action in the stomach invited there by debility. The Stomach is the index of the nervous system — Its different states affect the temper —

virulence of passions. Victuals should be ingested after meals. The most frequent cause in this Country are bad aliment - intemperate use of fermented spirits, which causes fetid breath, dry skin, crapulent sickness, &c. &c. This is more frequent in this Country than any where else. The palliative remedies are Magnesia, alkalis, common salt, common salt and limpid water - unskimmed milk - a few peppercorns after dinner - opium, &c. for spasms. - A blister to the pit of the stomach - a bladder of warm water to the stomach - Moderate compression on the stomach by a light waistcoat - friction on the stomach - &c. Radical remedies - first Emetics of Ipecacuana, and then tonics; as vegetable bitters - acrid vegetables; as mustard, horseradish, &c. Bark is advised by Cullen; but Dr. R has not found it as good as other bitters - Chalybeates. these last are best. Solid food - old fowls are better than young - Salted meat is often better than fresh - toasted cheese should be tried - liquid food should not be tasted -

The bread should be toasted- drink should not be taken during meals- nor just before nor for some time after. take food in small quantities- recollect the method of treating horses. One of those aliments should be tried at once. when animal food is rejected, or of no avail, by vegetable, as roasted turnips, roasted apples, &c. Butter and fat meats have been condemned; but Dr. R. has not found them so hurtful;- when they are well received by the stomach they are not bad. The stomach should never be full nor empty; eat 6 meals a day. and never eat in the night. Use food instead of Tobacco. Drink water with bitter herbs macerated in it- ride on horseback- use gentle exercise. avoid exciting causes; and above all, eschew fat. Salivation is the dernier resort, and is successful, when there is great pain we should bleed. Sometimes it terminates in Asthma; ardent spirits are the most frequent cause here, and requires a Specific remedy. abstain from its presence- The propensity for drink has been cured by infusing a snake, or tartar emetic in the spirit- & other disagreable

a position, inviting a similar position;
a man, whose spouse was rather fond of
the dops, placed a barrel of rum in his
cellar in order that she might drink her
self to death; she suspected the scheme &
became sober thro' spite! Diverted the atten
tion from drinking company. A friend
of theirs has cured it. A gentleman
who generally came home tipsy, happened
to get to his house quite sober; one of
his children, seeing he was not under the
influence of liquor, ran to its mother
and exclaimed in a transport of joy,
"Oh! mamma, dadda is come home &
he is not drunk." he was so affected
by it that he was never after intoxicated.
A tipling man took a goat, that used to
follow him, into a tavern and gave it
some rum; the potation agreed so ill
with the stomach of the "wanton sage" that
when his master was going in there
next day, he refused to follow him. The
man was so struck with the good sense
of the goat that he reformed his mode of

living in consequence. Another man who was rather too heavy when he started home, was unluckily deposited in the way in the street, between two cellar doors, from whence he could not extricate himself:- as he lay, or rather sat, musing on his condition, a dog who was trotting along in the dark, turned in when this man sat. What did he stop for? Nien gupsen pisser! he gently made water in the man's face, and jogged on! The dog, for sooth took him for a post, lifted up one leg and paid the usual canine tribute. The gentleman was overwhelmed with shame; and, as soon as he was able, left his situation with a resolution never to be again disobliged in like manner by any bitches offspring! - Gradual abstinence has been recommended - but it must be sudden and total. The most effectual remedy has been religion, as has been proved by the methodists. - - - Oaths have prevented it. . . .

February 21th Lecture 88th. Diseases of the mind. Dr. R. enters on this subject with diffidence and awe. The faculties of the mind are

Understanding, memory, Imagination, passions, will & moral faculties. The operations of the Mind are perception, Association, Judgement, reason & volition.

The faculties of the mind have been happily called Internal Senses. The external Senses are the avenues to them. Between impression, and perception, sensation takes place. No action can take place in the mind without motion in the brain; every idea has a specific motion. In health these motions are regular - in disease, irregular. The first disease is hypochondriasis - The causes are the same as of dyspepsia; with the addition of fluor albus, &c. It is sometimes attended with diarrhea, and sometimes with venereal desire. It differs from dyspepsia in being attended with fever spasmodic affections. It is much more rare than dyspepsia - occurs in the decline of life - It differs from hysteria by not being attended with Globus hystericus, which is because the debility is below that action. There is a difference, Hypochondriasis and Hysteria, the same as between Typhus & Typhoid. Hysteria generally precedes hypochondri

:asis, by being a more powerful action. Rem
:dies are of 2 kinds, one acts directly on
the body, as warm bath, warm drinks.
Cold drinks are always bad. The ill recep:
:tion of cold drinks is a pernicious sign.
Opium is excellent - ardent spirits will re
:lieve, but they do more harm than the
disease - Wine is better - Music - grave &
plaintive tones first, and then become more
chearful. Salivation - Exercise - Cutaneous
eruptions should be restored, if repelled. After
excitement is somewhat restored, cold bath.
Bloodletting is seldom proper; but when the
pulse is full, and pain is present, it is good.
When dyspepsia attends, we should pay atten
:tion to it; as with magnesia, &c. as mentioned
in last lecture. Steel is too weak a stimu
:lus. 2ndly such remedies as act thro' the
medium of the mind or body. The patients
after sickness they have all the diseases in
Nosology. They have false notions of Physi
:cians, and of medicines. They fancy themselves
transformed into various animals, &c.
are in great despair. Doct. Johnson calls

it the greatest exacerbation of human misery ~~misfortune~~
They sometimes desire to die. How great must
must be their anguish! Let this awaken our
sympathy. The first remedy is for the Physici-
:an to accommodate himself to the mind
of his patient; - be always serious; and attent-
:tive to his [redacted] story - give into his opinio
:ions. They like to believe themselves worse
than they are - Amusements are proper,
but business is to be preferred, Books, politics
&c. The poor Tories, when they found the in
:dependance of our country like to be esta
:blished, became quite disconsolate & [redacted]
hyp'd: some call their disease Revolutio
:na - In Carolina it was call'd Tory-rot!
Man was made to be active. a sudden fit
of anger has cured it. Rousing the active pas
:ions has often done good. Putting Brooks and
Shady groves never cure hypochondriacs &c -
If it be owing to dept no doubt it was incurr
:ed honestly; for rogues are seldom hyp'd from
that cause! advise the benefit of the bank
:rupt law. When they entertain gloomy ideas
we should endeavour to dispel them by conv

:ling discourse. when it is owing to love, ad
:vise travelling &c. produce new associations
of ideas; by changing the patients dress, compa=
:ny, &c. shave him, &c. advise Matrimony; few
married people are troubled with it. Long jour
:nies to warm climates; take a new compan
:ion - ride a strange horse, &c. The change de=
:stroys his habit of complaining. Shirts have
been converted into Cancers by constant thi=
thinking. When idle, be not solitary - when
solitary be not idle. Haller had no cure for
his religious melancholy, but constant read
:ing and writing - commit passages to memo
:ry - read the Scriptures. When the patient is
disposed to suicide, keep away fatal instru=
:ments; or sometimes indulge them a little
in drowning, or burning, &c.

February 25th. Lecture 8th. Hypochondriasis
is a kind of connecting link between the bo=
=dy & mind. Dr. R. was early taught to believe
that Mania was exclusively a disease of the
mind. Cullen places it the nervous system. Dr.
R. does not believe either of those doctrines now.
its proximate cause is still placed by Physicians
in the nervous system; but Dr. R. believes it

to be active in the Arterial system. premonitory
signs - fullness & pain in the head - in the fore
: head - fullness - tension, and quickness in the
pulse - wakefulness - a white tongue. Blood
drawn in Mania is always sizy - Serum yel
: low; and sometimes like Latina Carnium
Dr. R. infers it to be a disease of the bloodvessels
and in the brain, because it is caused by
the causes which produce Apoplexy; and occurs
at that time of life when most liable to
be affected, &c. It also alternates with diseas
: es which are acknowledged to be diseases of
the bloodvessels; as puerperal fever, consump
: tion, rheumatism, &c. Dr. R. calls it Morbid
action, because it may be so great as to be
above the grade of inflammation. Mania
has assumed a Lutian form. all the different
states of pulse occur in Mania. It termi
: nates in crisis like fevers. It is sometimes
Epidemick. Scirri, pus, water, &c. have been
found in the brain upon dipecting Maniacs.
These are the effects of inflammation. Scirri
are caused in cases of Chronic Mania. The skull
Skull has been rendered thicker, and sometimes
thinner, by Mania. These effects are produced
by fever on the bones in other parts of

the body. From all these facts, it appears that the proximate cause of Mania is morbid action of the blood vessels in the brain; or chronic phre=nitis: It is to phrenitis what consumption is to pneumony. Dr. R. concludes that there cannot be an alienation of mind, without fever. It was formerly supposed that apyrexia was a characteristic of mania; but this is not the fact. — Mania produces first a deprivation of judgement in the patient respecting himself; call'd Hypochondriasis — secondly a deprivation of judgment concerning certain objects; call'd melancholy — and when the judgment is complete=ly destroyed, it is call'd Mania universalis: they think in this State that they are surrounded by Devils, &c.. They mistake their friends, &c. this is call'd false perception. Ideas are Multiplied when the nerves are diseased. perception is some=times just, but association is incorrect. Sometimes the perception is incorrect, but the inferences or reasoning is wrong. Sometimes the ~~inferences~~ perceptions are wrong, and yet the inferences would be right if the premises had been correct, as when they suppose them=selves to be glass, they avoid breaking their bo=dies &c.. There is sometimes a paralysis of the

Mind. sometimes a disease of that part of the brain which is the seat of moral perception; for faculty takes place. Sometimes all the faculties are deranged; producing what is called fatuity. — Religion seldom causes Madness in France; because of the Romish religion, and infidelity. Catholics are seldom deranged; because they can relieve their minds by confession. Mania is most common during revolutions: — it was very common in Paris at that time. In this country it was formerly rare; except a few cases from drunkenness. It is more common now owing probably to the increased rapacity for money. Dr. R. has observed most cases of mania impressions of weak minds & strong passions: It occurs most frequently in persons of sanguineous and nervous temperaments. remote and exciting causes: first those which act on the body — as malformation of the head. lesions of the brain, from wounds in the head. Sometimes Mania is 20 years after the accident before it comes on. Certain diseases of the whole body; as fever, &c. cause Mania. Inanition — sudden abstraction of the stimulus of distention; as

& after hard exercise - excess in venery - certain stimuli, which act on the brain; as ardent spirits - fumes of lead - small shot in the flesh have caused it - transfusion of blood from one person to another, has caused it - Causes which act immediately on the mind - intense study - sudden transitions from one kind of study to another. Undue and irregular exercise of the passions; as joy, anger, terror, love, desire of riches - distress - fear - false delicacy - severity from schoolmasters &c. Violent exercise of the Moral faculties & conscience burthened with real, or imaginary crimes. As Melancholy leads to superstition, so superstition often leads to Melancholy. Joy from supposed revelation from heaven has caused Mania .....

February 20th. Lecture 90th. - Mania - continued. Mania is often hereditary from the mother than the father, but it follows both often. The greater the predisposition, the lighter cause will produce it. Young people under puberty are seldom afflicted with Mania. The predominance of Irritability over Sensibility accounts for this. Madness

affects women more than men; they being more exposed to its exciting and remote causes; as menstruation, childbearing, & suckling. It seldom occurs in the decline of life. General Montgomery, whose family were disposed to Mania, had 3 wishes which were all granted; viz. that he might die young, suddenly, and childless. Maniacs are seldom long lived - 85 & 87 years are the highest ages known; and these were of long lived families. The changes of the moon influence this disease; hence those affected with it are call'd Lunatics. We should attend to this. The highest degree of mania affects all the mental faculties - the lowest degree only affects the understanding; call'd by Cullen Melancholy; but Dr. R. calls it the same disease - a degree above hypochondriacs. Mania often affects the mind in one point, or one subject; as in Politics, Metaphysics, searching perpetual Motion, &c. but particularly on religion; as we see in the cases of Swedenborg, Semina Wil Kinson &c. who were quite rational on the other subjects. Don Quixote is a picture of one who was rational on every subject but Knight errantry. This perversion comes on sometimes with a derangement of all the faculties, but it soon goes off all, except this one. Derangement of all the faculties - or General Madness - is divided into Tonic Mania, of strong morbid action, - and

Atonic Mania of weak morbid action.
premonitary signs of Tonic Mania - watchfulness, costiveness, headaches, irascibility - imprudent actions, great appetite, &c. - signs of Atonic Mania - weak and quick pulse, great taciturnity, the patient is steady and indefatigable in all his pursuits, costive, &c. much similar to tonic, except consisting in loss action; the action is Typhus & Typhoid. Intense study often brings on Mania - M'Lauren read novels to divert his mind amidst his studies. Exercise of body should be combined. One bleeding in this state will avert it. In the predisposition to Atonic Mania, the patient should be taken into company, &c. In tonic Madness, the patient is ferocious - noisy - has staring eyes - is costive - pulse is Synocha indeed every state of pulse occurs in this disease which we find in Malignant fever. The patients are very acute in observation - recollect lost languages - long absent friends, &c. talk profanely - act rudely, &c. Sometimes their conversation is irregular & their conduct regular; & vice versa this is liable to deceive friends and Physicians. Dr. R. has been deceived

in this way - conduct and conversation appear to be awry to distant states, or actions of the brain. When loose, the patients fly society ramble into grave yards, and tear up the dead - tear their cloaths & flesh, & pain of body relieves this pain of mind - vide Boswells life of Johnson. It is to this cause are owing their stamping, wounding themselves, chewing Tobacco, &c. These symptoms are varied by the causes. Vide Shakespears King Lear, for the description of a maniac. Symptoms of Atonic Mania; and Manalgia or fatuity. 1st. Atonic Mania - It is attended with downcast eyes, insensibility to cold the patients stand like monuments. pain has relieved this state. They have a dry cold skin - first pale, & afterwards pale & livid. Slow respiration - discharge of saliva. The matter of perspiration has a peculiar and specific smell. In this state, when loose, they seek rather than shun, society - are incoherent, &c. vide Mercys pains of memory. for a description of the worst state of mania, when the memory is complete. The moral faculties are sometimes unimpaired. Mania often terminates in Epilepsy, &c. Thought sometimes lasts 20 or 30 years. Sometimes Tonic

Atonic Mania are combined, there is great morbid action in the brain, without much in the system. Remedies for tonic Madness - first. Bloodletting -, copious, copious, to the state of the pulse. It is indicated by the structure of the brain - by the appetite being unimpaired - by the double injury done the brain by hallowing, exercise, &c. by there being no outlet from the brain. Accidental hemorrhages to great amount, have cured it. It is indicated by the appearance of the blood - it is often above inflammatory action. It is indicated also by its success in curing the disease. Bloodletting is a Mad thing for maniacs... 20 or 30 ounces should be drawn in Tonic Mania - but do not look back on the quantity drawn - remember there is no outlet - no backdoor to the brain. When the brain is diseased, we must bleed more than we would in any other disease. Remember the words of John Hunter he says the pulse does not always indicate the action in the Brain. The Lancet is worthy to procure the forgiveness of the Metal, in all the shapes of warlike weapons in which it has appeared. — — — — —

February 28th Lecture 9th. Mania-continued
Sometimes Maniacs are so irritable to be visited
for several days- Let the excitement wear down of it=
:self- low diet- bloodletting- & purging, are very
good. perhaps shaking a Maniac stand for
24 hours at once, might tire him down-
This is the tonic state of madness we are speak
:ing of. Blisters in the latter stage of the
disease are very good- but not early-, while
the excitement is excessive. Cold immersion
cold vinegar, or cold snow, to the head- or
pounded ice, or cold clay, to the head. When
the feet are cold, as they often are, with great
heat in the head- cold may be applied to the
head and the feet put in warm water. Hard
labor is very good in conjunction with other reme
:dies. Suppliant or root out the patients reeling
passion. See the effect of Physical causes on the
Moral faculty- Shame has cured it; as in the
virgins of Miletus. A stern countenance
has silenced a frantic Maniac. as has
Music. They should not be irritated- physicians
should accommodate themselves to the patients
gain their confidence. Keep your promises
to them or they will never forgive you.
When they are unruly look them out of coun
:tenance; which is easily done- Catch their

eyes with yours, and keep them and you will easily overface them. Accommodate the voice to the state of the patient. after he is properly subdued we should speak gently and kindly -- Avoid speaking of, or mentioning their crazy theme. pay due attention to their dress and apartments - Keep both clean. - Fright or terror has cured it; as a horse running away, &c. Getting passages by note has been of service. Use gentle exercise; as sailing swinging, &c. cold bath or shower bath 2 or 3 times a day. Divert them to a former favourite pursuit. It has been cured by association, of place. time. & company - Examples of place - A joiner recovered his reason on entering his work shop: A minister was crazy always but when in his pulpit; &c. association of time has cured it; as certain days. &c. Company also. they should have company they were formerly fond of, and which was respectable. Opium is an injurious Medicine in this state of madness, and should not be used until the pulse is reduced - Camphor is in very similar predicament. Hellebore is no great things Borax is not used now. Stramonium is very dangerous in this state of madness. Coercion has been tried successfully on the present King of

Great Britain (George 3d) - He cannot see a wisp
hat this day without emotion! It acts like blood-
letting purely by its sedative power; and should
not be used, except when all the other sedatives
fail -. Bloodletting is the best sedative; and Dr.
R. believes this disease as much within the
power of Medicine, at the early part of it, as a plen-
risy, or intermittent fever... We now proceed
to consider the remedies for atonic Mania.

March 1st Lecture 99th. - Remedies for atonic
Mania - or Madness of weak Morbid action.
Warm bath for weeks, and even months - it
is long in taking effect; when it does, then be-
gin the cold bath; but not before - take
the patient from the warm bath, when it has
effect to the shower cold bath. This mode of
cure is only eligible in warm weather. Spi-
rits, wine, &c. are very good in this state.
Opium is excellent; especially when this disease
is owing to strong drink, parturition, &c. and
also in Typhomania after fevers -. Blisters -
Issues - these were discovered by the good effects
of abscesses. In tonic Mania, pissing the
carotids is a cure - how would pissing the
jugulars do in atonic? most maniacs of this
kind recover their reason just before death
The stimulating passions should be excited in

this ~~divisase~~ state of mania- try living music exercise; as walking, riding, swinging, &c. Labor when practible, is preferable to all; as domestic services. A case of Mania was cured by making hay until sweating was induced. Males should dig in a garden,- females should wash, iron cloaths, &c. Salivation should never be omitted. It is difficult to excite; but it should be always tried- even 3 or 4 times- Keep the patients clean- whipping and pain have been found excellant; and other modes of exciting anger avoid remote and exciting causes. When it is owing to drink, take it away- when from love, bring the object beloved to the patients presence. Cowper was only mad when he had nothing to do. Take Maniacs to your own house or under your particular care. you may prevent them from knowing they were so- make them believe they were devisians from fevers. people generally believe it incurable; and neglect their friends when mad- Physicians should neglect this pernicious error. Some have killed themselves in their lucid intervals, rather than be gazed at thro' the Grate of a public hospital.

We should never give over our patients

If thirst can be removed by long application why not mania? Dr. R. has known a desperate case, where the patient was put in hottish bath - then fed on mercury 3 times a day! & enveloped in mercurial Ointment - and afterwards salivated, and otherwise stimulated! Symptoms of favorable & unfavorable issue - weeping is favorable - pain after insensibility is good, a return to old habits &c. is a good sign - a return of affection for family & friends, &c. is a good sign -. They are the dawn of convalescence. Taking a child from a woman predisposed to madness, or who had been mad, caused a relapse. and restoring the child has cured it in such a case. The return of an old habitual disease, which had been suspended, is a good sign; as piles, &c. a general fever, after bloodletting, is a good sign; it changes a suffocated state of disease to general & free. Warm, moist hands & feet, are favorable. Remissions & intermissions are also good signs. Return of attachment for old favorite aliments. and other things, is favorable. The patients often go through all the stages of life from infancy upwards after the crisis. A regular stool is good in Mania, as well as in other fever. Dysentary has cured it. Hereditary Madness is not more difficult to

cure than acquired; but it is more curable to recover than [illegible]. Like other fevers, its cure is easy and speedy according to the force and continuance of predisposing, primate, & exciting causes; this enables a probably correct prognosis. Madness from drunkenness is easiest cured; but is liable to relapse. The younger the patient the more probable the cure. Tonic Madness is easier cured than Atonic; as it is easier to pull down than build up - & people generally apply sooner in Tonic Mania. A return of the menses in women, after they have been suspended, is favorable. Mania from parturition, is easily cured - from Epilepsy, seldom - from Anger, &c. it is easily and soon cured. Mania generally terminates fatally in diarrhoea, convulsions, or pulmonary consumption. After the consumption comes on the Mania generally ceases. It sometimes terminates in Atrophy, in dropsy - Epilepsy - Cholera Morbus Starvation; or the attic Mode of dying - &c. -

Fatuity, or Phanalgia - exists sometimes without the passions; and sometimes with; especially love. The patient has a vacuity in his eyes. Slobbering - antic gestures, &c. It is our duty to attempt a cure. cures have been effected spontaneously; or by change of habit;

for something?/. Dr. Hunter thinks when Death is suddenly induced there is some electricity in the system left to act on. Fatality has been cured by falls. and pain from burns, boils, &c. hot and cold baths should be tried- exercise, &c. The patients are great eaters- The excitement of the System is concentrated in the Stomach- and sometimes a portion is transferred to the genitals. How would Stramonium do as a remedy? Spirits, &c. It is more common in Country than City; because in the latter there is more company &c. The Moral faculties increase with age.

March 2d. Lecture 93d.- Weakness & defect of Memory- It occurs without defect of understanding. First, a loss of Memory for words, as asking for a Bushel of Wheat when Knife was wanted &c, It is a kind of Palsy.. Similar to other focal palsies. Remote and exciting causes. Intemperance in eating and drinking- excess in venery- grief constant use of opium- excess of sleep- Lesions of the brain- excessive bleeding for Epilepsy- excessive use of Snuff- terror- cramming the memory with too many words- learning long passages, &c, neglecting to exercise the Memory- cessation from study as in Newtons case- &c.

Remedies- Avoid remote & exciting causes

just Mentioned. Knowledge is acquired by communicating to the Memory is guided by calling in the aid of the other senses; as seeing, hearing, feeling, &c. by means of association; as of time, place, words, Sounds, &c. by trying to remember only what is worth remembering. Memory is improved by exercising it. It is injured by Memorandum books in early life. Shutting the eyes aids the memory singing aids it in retaining words, &c. Physical means of restoring memory- if morbid action exists in the brain, proper remedies must be used. If the defect of memory be owing to an atonic state of the body,- use spices, &c. cold bath- exercise; as a trotting horse. delirium, & intoxication bring back ideas & words &c. excited by the Stimulus of the fever & wine. These lead to important influences in Metaphysics and Morals; but are only Mentioned here that we may know how to apply those studies.- Dreaming- depends upon a morbid action in the brain; in consequence of eating, or drinking to excess- cold- tight collars and wristbands- intense study, &c. Remedies- Defection- low diet, &c.- avoid its causes- use hard labor, &c. When the System is below the Sleeping point, a glass of wine, or Porter will procure it. Somnambulists are in a higher

Cure of Nervous Diseases; for which, bleed, &c.
when subject to nightmare avoid sleeping
on the back; bleed, &c. Images & Sounds some-
times infest the eyes and ears, call'd
phantasms - they are dreams in a waking
state - differ only by the impression being
made on a contiguous part to that which
transmits the idea. They are supposed to be
warnings by the superstitious - The object, or
sound is never seen, nor heard by two people
Absence of mind - is owing to the object
of thought distraying the effect of surrounding
objects. A different kind of absence affects stu-
pid people - ten times to one sensible man
with the former kind. It is a form of derange-
ment - when it arises from stupidity, treat
it as falsity. Trance - in this state the mind
is shut up; and dreams of future happiness,
the patient upon recovering, tells his dreams ho
nestly for truth, we should keep him warm, &
warm until putrefaction begins. Syncope - affects
women oftener than men. It does not short
en life - On recovery they are sometimes af-
fected with sickness and vomiting. It is cau-
sed by frights, inanition, smells, sights, mi
asma suddenly applied &c.. Remedies - a

recumbent posture, fresh air- friction- stimu-
:lating clysters - cold water - volatiles, &c.
Depletion may sometimes prevent it. Asphyxia
In this State the mind does not act at all. Hy-
:bernating animals are in this State- as are
drowned people, &c. Drowned people sink be-
:cause their fibers contract, and their spe-
:cific gravity is greater than that of the wa-
:ter. After contraction ceases, the body be-
:comes lighter than the water, and floats.
Life probably does not depart until contrac-
:tion ceases; hence it is probable that there is
much less hope of rescuscitation after the
body swims. The remedies in this State
are Oxygene gas- fresh air- gradual warmth
applied to the body- prevent inflammatory
action from proceeding to a prejudicial hight
by bleeding, &c. When drunkards are affected
with asphyxia, use affusion of cold water-
when it is owing to fixed air, or burning
charcoal, &c. apply fresh air. — —

March 3d. Lecture 9th. - Diseases of the mo-
:ral faculty - It has been diseased by Epileptic
fits; though the memory was unimpaired - Another
case was brought on by Hypochondriasis - Vide

Rush's Lectures in 2d vol: of Inquiries, &c. Vice is a disease, like those of the body; and is to be treated like them. Bad company is similar to impure air in other diseases. Idleness of mind, is direct debility. We cure vital parts by exciting disease in less important parts; - so avarice, and love of pleasure, have been cured by exciting the less dangerous vice of ambition; physical remedies, however cannot entirely relieve, without the aid of moral and religious influence. Forgiveness is the best remedy for vice: we have an example of this in the New testament. Our new jail is a striking example of its influence. The only way to prevent crime is to make their punishment the means of reformation. The best way to command the passions, is to be taught early by the precept and example of parents & Schoolmasters. Mathematical Studies are very favorable to the government of the passions: witness the Story of Isaac Newton and his dog Diamond. Love is excess of this passion is disease. It discovers itself by frequent blushing - talking much; or saying nothing - love of Silence - Love renders Women awkard; but polishes men. If a girl love you she will drop herself to receive you; but if

she do not, she will be indifferent about her appearance. If she love she will look much at you; or not at all. Cure of unsuccessful love - when fever occurs, — Vinopetian & blisters! To know if love be the cause, bring the person supposed to be loved into the room, or mention his or her name. A second Mistress is a sovereign cure for a love sick swain! Absence is the ~~tom~~ Tomb of love. Think of the Lady's bad qualities; if she have a bad voice, prefs her to sing, &c. Stronger passions will remove it: Love never succeeds Ambition. — . Grief - The nature of our profession must often make us witness this. It brings on Catalepsy, Hypochondriasis, melancholy, death, &c. Bad news should be told gradually. Tears are a sign of grief; but above the weeping point, other symptoms occur: Sometimes persons in grief are affected beyond sensibility -. They sometimes sleep soundly this is owing to the stimulus of one idea wearing down the system to the sleeping point. Cure Uncle Toby's example - Silence is the best sympathy. After proper silence, consolidary discourse

about prospects after death. We should not avoid the house of mourning after the death of a patient. Visiting it is of service on several accounts. Survivers should remain at the house when the patient dies; for familiarity with the scenes soonest wears off the distress. Opium. Our discourses should be on general subjects - avoid mentioning the deceased; or any thing relating to him. Never speak with levity among the relations of the deceased. The stimulus is out of all proportion to the excitability of the Mind - Anger - "Be angry & sin not. Let not the sun go down upon thine anger". Anger when prolent, causes Epilepsy, Apoplexy, profusion of Bile, &c. Religion and the Moral sense, are the best remedies - A sense of good manners; for the term gentleman means especially one who can command this passion. Count 20, or say the Lords prayer, before you give it vent. Fear is an excellent antidote! Cold water - Milk and Vegetable diet has cured an irascible diathesis. Fatigue and thirst dispose to anger, and should be avoided. go to bed and take a nap

upon it :- Fear- consists of both reasonable unreasonable. of the former Kind, is the fear of sickness and death - of the latter, the fear of Ghosts, speaking in public, of certain Animals &c. Fear causes pale urine, discharge of feces, fainting, Mortification, &c. The fear of death is remedied by meditating on it. Soldiers are always brave in a direct ratio with the number of escapes they have experienced. Moise alleviates fear; as whistling, &c. The fear of surgical operations, and of speaking in public, is cured by loudness, and coughing, or hawking - these prevent Atony of the brain. Create counter Motives; as glory in soldiers - rewards to children in operations &c. The fear of, or Antipathy to, certain Animals, is cured by resolution - Horses have been cured from starting at a Wheelbarrow, by feeding thereon it!... Joy creates thirst, is easily cured moderate it. - Envy & Malice. Excess of Venereal appetite is a disease it causes Nocturnal pollutions, onanism, Hypochondriasis, &c. It is caused by excess of drinking, indolence, and Sedentary life. It often takes place in the convalescence from fevers. Remedies - first,

Matrimony or fidelity – If that be not practicable, to be diet – Society of modest Ladies. Castor oil receives its name from a supposed efficacy in relieving this excessive excitement of the Genitals; but it probably acts only by opening the bowels. Mathematical Studies are good. A fit of lust has been cured by laughter. Avoid lascivious conversation and company. Certain tones of music are useful in appeasing lust?. Salivation, &c.. Absence of the passions – In this State, people neither hate nor love any body. Use tonics. Cold bath – pain – Salivation &c... In treating of these subjects says Dr. R. I have been boiling in a baloon; you must judge whether I have ascended safely – I was without a pilot. –

March 4th Lecture 9th. Venereal disease

there are two forms of this disease, viz. gonorrhœa & Lues. The former is divided into gonorrhœa benigna, & gonorrhœa virulenta. Gonorrhœa benigna is brought on by difficult coition – bruises, or wounds – Gout – acrid matters in the Urethra – Cessation of Intermittents – Coition after long absence, or a change of female

hard labor in Carolina it appears from this cause, & is similar to fluor albus in women. It has been induced in children by dentition. Gonorrhoea virulenta arises from impure coitus - laying in an infected bed - setting in an infected privy - wearing infected breeches, &c. Hard drinking will sometimes revive it, when nearly cured. The time of its appearance is from 2 to 12 days after exposure to infection. Some suppose much longer. When it lies dormant long Dr R. suspects it to be gonorrhoea benigna, a symptom of Gaut. The Gonorrhoea virulenta is easily cured, by depletion - mild injections - sometimes a little astringent - Mercurial unguent made without Turpentine, &c. For a Chancre, Mercurial applications, &c. Buboes arise frequently from irritation in the Urethra, & are easily removed by removing the irritation. Mercurial ointment above or below the bubo. when inclined to suppurate, apply proper suppuratives. Never open the Bubo if it will open of itself - but if not use caustic. - Swelled Testicle - for this use the suspensory bandage cooling applications, &c. - Phymosis - Keep the

parts clean - wash them with wine; - if this will not do use circumcision. paraphymosis - cooling applications - Jacis. &c. Chordee sleep in tight drawers - keep the bladder empty: a full bladder often causes it - and by emptying it this troublesome symptom may be prevented - Injections of 30 drops of the tincture of Tobacco? in flax seed Tea, &c. - Gleet excite inflammation in another part vide Hunter - but Dr. R. would not advise this. In some cases Matrimony is good - Gleet has alternated with consumption. - Gonorrhoea dormiella - is a discharge from the prostrate gland, of Semen during sleep - Avoid sleeping on the back - Matrimony is good - cold bath & Salivation. There is another discharge from the Urethra, called by Lieutaud, a catarrh of the bladder - it is a discharge of mucus from the bladder, cover the external parts adjacent parts with leaves of Tobacco, &c. - Lues - gonorrhoea did not appear in Europe until 50 years after the Lues? but still Dr. R believes it to be a different disease as the variolus and vaccine diseases have appeared at different periods. Lues affects the Bones, Muscles, Fauces, &c. occasions warts,

women - The matter of Cancerous tumors is Lymph; and the hybrids are Lymph thrown in that shape. In the Uterus, Vagina, &c they are mostly incurable. In old people the fluids are more acrid. It is a rare disease in warm climates. The licking in this disease being incurable, is one great cause of its being so. Cancers are most dangerous in the lips, from their connection with the Lymphatics. Remedies are internal & External. Occasional bloodletting. low diet has cured it. Narcotic substances, as Cicuta, Solanum, &c. These only ease pain. Bark & Steel, &c. Salivation. Extirpate early when practicable; but be cautious after they have ulcerated. Tumors of all kinds, especially on the face, should be extirpated. External remedies certain vegetables as Poke root, Indian turnip, &c. - Caustics - as Lunar Caustic - corrosive sublimate, arsenic, &c. - proper diet in the early stage, is good and efficacious. . . . Rickets - are known by a large head, large joints, &c. This disease first introduced the wearing of boots. It is said to be caused by deficiency of earthy matter in the bones. The early use of the legs does not cause

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[illegible] alleged - but the contrary; hence it is most common in poor children who have to sit & crawl about, &c. - We should bleed in cases of great morbid excitement. Unction with the oil of the Skate fish has been used. Cutaneous diseases - are considered by Dr. R. as an Unit - differing only in form - degree &c. They are often caused by vitiated fluids - venereal causes - sometimes they are unconnected with disease of the fluids; as local ~~[illegible]~~ poisons, &c. - The proximate cause is Morbid action in the sebaceous or cutaneous cysts. Remedies - depletion - or tonics, according to the State of the System; - as animal and Vegetable food have each cured it - as have bloodletting & purging and bark & tonics &c. - Decoction of ~~the~~ Woods - Eupatorium perfoliatum - Small doses of Arsenic have been useful. - Unless in an exposed part of the body, certain harmless kinds of eruption should not be touched; but if that be the case, we should substitute Issues. When they are symptoms of general disease, we should attend to the original - always to the state of the System. Cold water has been used - emollient applications - Salt & water - fasting Saliva - pressure - tonics, &c. - An ointment of Tar and hogs

Lard - Unguentum Citrinum - Unguentum Lu-
: minis - Nitre - Alum - Sulphur & Lard made
in an unguentum - call'd Hazlewoods ointment
washing with a strong decoction of Walnut
leaves - of Tobacco leaves - holding a hot iron to
them, and then applying decoction of Bark -
lime water - salt dissolved in [redacted] Urine.
an easy mind - climate has great effect. When
these all fail, destroy the Cuticle by blisters, or
arsenical solution. prickly heat - is a salutary
disease in warm weather, and in sickly
seasons. It is a remittent fever thrown upon
the skin, and should be treated with nicety. -
March 5th Lecture 96th prickly heat should
never be repelled - it prevents even yellow fever,
in Barbadoes - prurigo Cutis - or itching of
the skin, is either local or general. Use ap-
: plications of cold, or warm water. bleeding -
application of Mercurial ointment &c.
Tetter - is sometimes cured by change of
residence - Unguentum Citrinum. Ring
worm - is caused by an insect, is cured by
ink - nitric acid, &c. - Itch is cured by Sul-
phur, and unguentum Mercurii: [redacted] -

Tinea Capitis is often caused by pediculi and dander - is cured by Cleanliness, &c. Morbus pediculosus - is cured by Mercurial ointment, &c. - Ulcers are diseases of the skin, and should be treated according to the state of the system ... Burns are relieved by lead water, cooling poultices - Strammonium ointment is very good for burns & piles - Cold applications, &c. Diseases of the blood - Dr. R. rejects the old doctrine of Boerhaave that lentor is the proximate cause of disease. Dr. Seybert has proved that putrifaction cannot take place in the blood of a living animal. When there is a deficiency of red globules, use nutritious diet, &c. Diseases of the hair & Skin - the hair falls out sometimes: for this, cut the hair, & wash the head with Spirits &c. If it cease to grow, the ends split, &c. for this cut the hair also. - Dr. R. thinks the thick Dr. R. thinks the thick, hanging lip of the negro is caused by grief; as is the case in children pouting, &c. hence cheerfulness is most favorable to beauty & hence the poorer class of mankind are seldom handsome. Diseases of the Cellular membrane

Colic causes temporary swellings in the Legs of hysterical women. cure-friction, &c. Diseases of voice & Speech- hoarseness from want of mucus, has been cured by Salivation. paraphonia from debility of the Glottis, or tumors in the Trachea; is relieved by salivation and blisters. Aphonia paralysis of the Muscles of the Glottis- for which use Salivation & blisters. Stuttering is either innate, or acquired by imitation- It has been cured for a while by violent pleurisy; but returned on recovery. It has been cured by speaking slowly. Diseases of the Trachea- a Tracheal Glut predisposes to consumption. &c. The Liver & Spleen are subject to local disorders- for which, use Mercury, friction, & cold bath- obstruction of the Spleen is very seldom fatal- the omentum when disordered, must be treated like the others. Diseases of the urinary organs- The most frequent cause of Suppression of urine, is Calculus There is a calculous diathesis in Man and many other animals. Those latter do not suffer so much, because of the Horizontal position of the bladder. Some Nations are more sub-

:ject to Calculous than others; as the English, French, &c. More than the Swiss, &c.- Women are less subject to it than Men: owing to their having a Shorter & wider Urethra. All parts of the body are subject to it. Well water causes it more than River, or Spring water. Acids certainly predispose to it. Haller denies that Beer does.- Remote Causes hard riding- long Standing. Dr. R. thinks it may be produced without a nucleus- but it is not often. Retaining the Urine too long, acts as a remote cause- Studious men are subject to it- Newton, &c.. Laying much on the back favors its formation- hence probably, Children are more subject to it; as they lay much on the back. Dr. R. knew a case where it was congenial. The incomplete discharge of Urine, from laying on the side while doing it; as in bed, acts as a remote cause. Symptoms- Numbness of the thigh- retraction of the testicle- pain in the bladder; this pain is much increased by riding. It is the most excruciating pain the body is subject to: for the whole system sympathizes with it. Dr. R. thinks the calcu-

stone & calculi will be found to be of an animal nature. Cure - first in the paroxysm a fit of stone is as much an unit as pleurisy; and is to be treated like it, nearly. 1st by Venesection, according to the state of the pulse & pain - Vomits are recommended by some purges are good - Injections - warm bath - bruised onions to the regio pubis - draw off the urine with a catheter if the bladder be full -. Vegetable Alkali - mineral alkalis &c. These last may do good as preventatives; but not as Solvents! Vitriolic acid & Uva Ursi act as Tonics, and thereby prevent the debility which invites a fit of gravel. Cold applications - gentle exercise; as playing at bowls, and digging in a garden. A diet of Sugar - black berry jam - &c. Avoid all exciting causes; as acid diets, lying on the back, &c. The great secret is to begin very early, & continue Tonics as Uva Ursi &c. after the pain is removed a year or two: but Uva Ursi should never be given in a paroxysm. Ischuria is sometimes caused by engorgement in the kidnies - sometimes by prolapsus of contiguous parts; as of the colon. Obstruction of the Ureters is caused by inspissated Lymph or gravel - or prolapsus of the rectum:

for these, bloodletting, purges, clysters, &c. Sometimes Ischuria is owing to over distention of the bladder, or inflammation. for these, use the catheter for the first; bloodletting, purging, Warm bath, Laudanum, &c. When the disease is owing to paralysis of the neck of the bladder - use stimulants - calomel & opium Tincture of Canthariades? Salivation, &c. If all fail, tapping must be performed: for the bladder has burst from agitation and distention. Suppression of urine from Blisters, is relieved by demulcent drinks and Laudanum. Bleeding is seldom or never necessary in this case. When it is owing to Stricture in the Urethra, use Bougies. &c.

March 9th Lecture 97th Diabetes is attended with a quick, full, & hard pulse. costiveness - palpitation of the heart - increased appetite - &c. Remote Causes - Bruises on the Kidneys - spirituous liquors, when they purge; but when they constipate they affect the head - distending the Stomach with water. The liver indicates disease by a yellow colour in

the eyes. The urine is sweetish to the taste in this disease. The kidneys are spongy & have a sour smell. That state of action which produces a saccharine matter is not confined to the kidneys. There is a sour sweat which may be called a Diabetes of the Skin. There is diseased state of the stomach attends diabetes always. It is of much less consequence to know the nature, than the degree, or state of the disease.. Remedies. small & repeated venesection.. Darwin recommends alum. Dovers powder. Lime water - yellow Bark. Emetics - purges. low diet - alum whey. steel - cold bath. Salivation & afterwards constant exercise. Diabetes alternates with gout. Oil is rubbed over the skin in Scotland. Remember, Gentlemen, says Dr. R. that there is a great difference between reduced action by depletion, and by continued morbid action; or indirect debility. Much will not be done in this latter case when stimuli are given, and before the action is reduced, they will do harm. The proper Medicines given in the proper time, is the perfection of the healing art. Diseases of the brain & nerves. —

ceeso of Irritability & sensibility, has been called Mobility - A deficiency of irritability, Torpor - of Sensibility, Stupor. of both Inertia of the nervous System. vide Cullen .. Morbid sensibility - arises from such causes as running a Needle under the Thumb Nail - &c. Light has been painful to a Lady for 2 years, in North Carolina; - as have Sounds, &c. - In this case considering how much fulness of the bloodvessels increases Sensibility, we should not omit Venesection. Morbid irritability is attended with convulsions, spasms, &c. this has been suspended by pain; as Rheumatism and suggests the propriety of giving medicines to cause pain. These States existing independant of each other, may shew us how great pain may exist without morbid action being evident; and vice versa .. defect of sensibility - in this case, pins, &c. may run in the body without giving pain. - The remedy should be adapted to the remote cause. If owing to cold, heat cures it - if owing to heat, cold cures it. &c. Defect of Irritability - In this case, bloodletting, and afterwards the cold bath - exercise, &c.

Defect of sensibility & irritability. First use the hot bath - then the cold bath. Salivation, &c. Diseases of the eyes. Squinting - for this, make the child look at itself in a looking-glass a quarter of an hour twice a day. make it look at small objects. wear Barnacles; or an instrument somewhat like a pair of spectacles with holes in it to confine the sight - avoid viewing objects sidewise, as a black patch on the nose, &c. Myopes; or near sighted; is owing to too great convexity of the eye - it is congenial with all children; but goes off. Remedy concave glasses. Those people have natural sight in the evening of their life. Presbyopes - just the reverse in every respect. Nyctalops, ~~just the reverse in every respect~~ or Night blindness. Gutta Serena is caused by fevers, violent coughing, &c. It is a palsy of the optic nerve. Remedies - Venesection, cupping, enemas, Setons, vapor of hot coffee - of Spiritous liquors - &c. Its approach is known by mistaking when threading a needle, snuffing a candle, &c. avoid reading small print. always receive the light

from behind. Avoid going from profound dark
ness suddenly to great light. Horses are often
rendered blind by this. Wear Spectacles as soon
as the eyes begin to fail. Deafness its approach
may be known by a vacancy of countenance
in the patient, when in company; from want of
hearing. It has been caused by Salivation.
Insolation. Sudden Stoppage of old ulcers. wax
in the ears. prepare of the Meatus auditorious ex-
ternus. Relaxation of the Membrana Tympani.
ruptare of it; though this does not always cause
it. palsy of the Auditory nerves. a tendency to
this is the cause in old people. The Remedies
should be adapted to the remote causes. when
brought on by inflammation, bleeding, low
diet, enthines, &c. Vertigo is often the effect of in-
cipient deafness. When deafness is owing to
Catarrh, Venaesection, & Snuff; or enthines. When
all these fail. try a salivation. When the disease
is caused by insolation, use remedies for this
last disease. When it is owing to Salivation,
use the proper remedies for this; or even renew
the Salivation. When it is owing to repelled
ulcers, or eruptions, restore those. When

owing to wax in the ear inject warm milk & water; this will not dissolve the wax; but it loosens it from its adhesions to the ear. When it arises from swelling of the parotids, use discutient plasters. When from palsy of the auditory nerves, common salt put in the ear. Volatile Salts - oleum Succini, or weak tincture of Cantharides injected in the ear. When it is owing to fruit stones, &c or insects in the ear, - Extract the former, and pour in spirits, or sweet oil for the insects... Tinnitus Aurium - is connected with deafness, wear wool, or Cotton in the ear - woolen night cap - Wig - When partial deafness occurs, turn the side of your head towards the person speaking, and make an external ear with your hand - use an acoustic. Defect of Smelling - is caused by ulcers, paralysis, &c. When owing to ulcers, cure them. When to palsy use Stimulants... There is sometimes a dislike, from Idiosyncracy, to certain smells and aliments; - Cured by resolution.. Some people have a morbid sensibility to the heat of the sun; they should wear white Cloaths

white paper round the hat - a handkerchief in the crown &c. avoid standing in the sun or drinking much in the forenoon - or very cold water at any time. &c. when very sensible to cold, we should wear woolen socks overboots &c.. A man disposed to consumption prevented it, by washing his hands, feet, & face, in ~~cold~~ spring water every morning. Do not go to the fire unless very cold. Sensibility to cold has been destroyed by exposure to heat, and then to cold - afterwards they did not feel cold to much. when we are pained by cold we should put our limbs into cold water; for it will be warm to us, and it restores heat gradually to them, preventing great pain, and sometimes inflammation and gangrene. Life has been preserved in two people, by laying with their feet against each other, breast, and laying a coat over their heads to confine their breath, and keeping the hands warm. Life has also been preserved by swallowing Tobacco spittle in this stat of exposure - Frictions - &c. . . .

March 9th. Lecture 98th. Diseases of the genitals- In males it is sometimes congenial, and sometimes caused by useps of venery in early life- Onanism- and Hypochondriasis. Relieved by tonics, cold bath to the parts; &c. Seminal weakness; Nocturnal pollutions, &c Live Low, or an lax diet to avoid cause straining at stool- local cold bath, &c.. Diseases of female genitals- furor uterinus is attended with turgescence of the parts; or even inflammation obscene discourse & gestures. Cured by solitude and depleting remedies- &c. Barenes is caused by fluor albus- Schirrus- dropsy of the ovaria- General weakness- over anxiousness to have children; as anxious wishing to recollect things prevents it- when it is owing to general weakness, use exercise, sea bathing &c. When to suppressed menses, or fluor albus &c. use the proper remedies for these diseases- Change of climate has effected a cure- As have other diseases. Long seperation from husbands- cessation of vehement desire, &c. have removed sterility. Diseases of Women

the Menses require attention to the State of the System. Leucorrhœa or whites; is often a substitute for Menses in Girls of weakly habit. It sometimes is local; and occurs in robust women. When general it is cured by Tonics, &c. When Local, by a remedy used for Gleets - viz. ℞. Sacch: Saturni: ℈j. Corrosive Sublimate gr. ij. opt. C. Cervi: gtt. XX. aquæ font: ℥vj. misce fiat Injectio - inject twice a day. -

Diseases of Pregnancy - pregnancy is a diseased State. There is a morbid excitement either in Utero. Stomach, or Bloodvessels, sickness, &c. Cure gentle Vomits, - small occasional Bloodlettings &c. Toothache is sometimes the first symptom of conception - for this, the tooth may be extracted safely. Costiveness occurs - for which use lenitive electuary. Ischuria, & involuntary running of urine. Swelling of the Legs; for this, venæsection, and gentle purges. Cramps; especially in the lower limbs - sometimes cramp attacks the Uterus and proves fatal; - When slight the patient should jump out of bed and walk about. but when powerful, bleed & purge, gently. The translation of it is to be dreaded.... Some times Dyspepsia

diseases - it should be treated as in other cases.
Jaundice - avoid wearing tight stays; they compress and cause sore nipples. Is bleeding proper in pregnancy? Writers are divided on this subject. When exercise will prevent plethora, it is not necessary; - but otherwise it is useful. Bloodletting eases the pains of parturition; and should be used when necessary: It also prevents consequent diseases. But sometimes diseases follow labor, as milk fever - puerperal fever, & miliary fever - sore breasts - swelled legs, &c. For sore breasts, wash with cold water - anoint with sweet oil, balsams, &c. &c. puerperal fever comes on from 24 hours to 3 or 4 days - & some say 5 weeks. It mostly attacks weakly, but sometimes robust women. The pulse varies in this disease - there is a pain about the pubes, and lower part of the Abdomen. The patient has a dry tongue - sorrowful countenance. one or both legs swell - the breathing is quick and short - The patient cannot turn - is obliged to lay on her back. The matter discharged from the Vagina is green or yellow; and sometimes black; is offensive to the smell, after. The stools are green or mucous - urine small and red. Sometimes

there are eruptions, petechiæ, &c. The peritoneum & all its reflexions are very much diseased. This disease is caused by acrid matter collected in the bowels by costiveness, compression, &c. It is also caused by breathing impure air as in hospitals. In the first case, the compression, distention, &c. act as remote causes. parturition is the stimulus which excites the disease, which disease falls when it ought by a law of nature; viz. on the weakest part. Remedies- Venesection; when signs of great violence appear, it should be used even in cases of weak pulse. It should be used early; but even as late as 12 and 24 hours, it has struggled the disease. Small bleedings have done no good, when copious venesection has cured. Gentle laxatives, according to the state of the pulse. When the pulse is pretty firm, as Typhoid & upwards, a gentle diarrhœa is of great use: but when the pulse is Typhus, the diarrhœa should be restrained. Disputes have been carried on about bark & Blisters in this disease; — but they may be easily settled by attending to the state of the disease, and of the System. Bark cannot be good in inflammatory action; but when the action is Typhus, it is good, &c. Fomentations are good & pure air

is excellent. prognosis – a dark vomiting is bad – petechiæ – great wakefulness, &c. are bad. a dry skin is bad – &c. The disease is prevented by cleanliness, low diet, pure air &c.

March 10th. Lecture 99th. and Last. Diseases of Children – They are sometimes strangled immediately after birth with the liquor Amnii. No cure is yet known for this. They are subject to trismus Nascentium; is owing to retention of meconium – to cutting the navel string with dull scissars – and to foul air. the 1st. is cured or prevented by purges. the 2d. by cutting with sharp scissars; or applying spirits of turpentine to the umbilicus and the 3d by pure air. Red gum aphthæ cured by gentle purges, and washing the mouth with molasses and water. Belly ache is most common with children in stormy weather. When violent use deception & purges. Sometimes the glans penis is covered by the prepuce so that they cannot micturate for this case use circumcision. Bruises on the head should be always attended to. Use

Remedies, &c. When the prepuce is wounded and paraphymosis is produced, apply cold water. When children swallow nails, coins, &c. Castor oil & other mild purges are best to discharge them. When they put cherry, and other fruit stones, coffee, beans, &c, up their nose a crooked probe is best to extract it. Children are subject to Erysipelas - vide Underwood.

Worms - Tenia - Lumbricus - and ascarides. The round worm is of service; or at least, is very common to the bowels of young animals. When in great numbers, they cause numerous diseases; as Hydrocephalus, disorder of bowels convulsions, &c. Remedies - Hul, Calomel, tin, &c. Some vegetable remedies as Uva Ursi, &c - Sugar & Molasses in the Morning a good fermentation - Salt is good - & Salt & rust of Iron taken in Molasses is very good. Worms do not often cause fever - it is the fever that roots out the worms, when they appear during fever; like rebuilding an old house starts the rats. Tenia, or Tape worm, is very seldom seen in this

Cautery: It is an Intruder in the bodies, and should be expelled as soon as possible; Tin is said to be a good remedy for them. Ascarides are best treated by Tobacco smoke, salt & water, &c. The diets of Nurses should always be regulated, in the diseases of children. It is blessings of Physicians, not only to cure diseases but to lessen human Misery. Man and all animals die without pain when they die of old age. The minds of men are often most clear & forcible just before death. We should never forsake our patients. Aught we to give such Medicines, in incurable diseases, as will suddenly and easily kill? Dr. R. answers no. We know not how far the power of our art extends; nor our ability to relieve. Remedies which ease the pains of death. Those which reduce the painful action of the blood vessels; as venasection, abstinence, &c. Blisters drive pain to less important parts, when applied. When inanition is the cause of uneasiness, a great

debility - use Cordials, &c. - When great appetite precedes death, it should be indulged. Opium equalizes excitement, &c. It need not be given so as to cause sleep. It has been given in the last stages of consumption, Mania, &c. Warm bath - Unction of sweet oil. Drink should always be given to a dying patient in a recumbent posture; for even raising up the head and shoulders, has induced death - and some have died on rising to go to a close stool, who might have otherwise recovered. Dying patients should never be left alone - Company inspires fortitude - Witness the case of the French King. But the company of near or dear relations often increases the pain of dying. Hope of a recovery should never be suddenly abstracted - it should be gradually withdrawn. The Physician should never tell the patient of his fatal case, unless demanded by himself: but he should always inform the relatives. The patient should be supported by religion. It may be said in favor of those

remedies, that they are calculated to restore health, as well as smooth the passage out of Life. We should never talk of Interment in the chamber of the corpse for some time after death.—./ Dr. Rush, at the conclusion of his course, bade his class a most elegant and pathetic adieu!—

= mends ~~between~~ fumigating it by burning Tobacco. He says the apartments of the sick must be kept as clean as possible - be well ventilated: the bedding & cloathing well and often aired. He observed that the fever was always checked after a battle & concludes that it was owing to the great quantity of gun powder burnt on the occasion. that not only the different parts of the ship were in this manner well fumigated with it. but that the cloathing of the well were more compleatly charged with it than could possibly be done in any other manner.

lescents bordeid an opiate regularly every night.
The drink was either sage, or mint teas, or barley water, or very thin gruel. and there were sometimes acidulated, and sometimes had nitre joined to them. Clysters & pediluvia were made use of as occasion required. At the same time that sedorifics were given he directed the limbs to be washed with warm water and a little vinegar.
But Bark was the medicine on which he principally relied in the cure of this fever. In some cases he prescribed it as soon as the patient complained, without waiting for any evacuation whatever; — in others a few hours after they were vomited only: and after along with the cathartic, according to the exigency of the cases. The more dangerous and alarming there are, the more necessary it is — experience has convinced him — to administer Bark early. He joined wine with the bark generally — & gave it more freely when (the Wine)
the patient became convalescent.
He says that it will be necessary to bleed in but few cases only — not more than 1 in an 100 — and cautions young practitioners against the use of the lancet in this complaint. The diet must be the most suitable that circumstances afford, administered often in small quantities without regard to hours or fashion. He concludes by saying that "the bark must be given liberly early, as early as in a manner, to prevent the fever, and to liquidate it by by its effects, without regarding its colour, or the quantity or number of the doses.
He strongly recommends the practice of burning gun powder in the ship to purify the air, correct the contagion &c. he adds more strongly recom-

It was seldom thought necessary to repeat the vomit in the course of the fever. Unless the vomit procured some copious stools, he ordered Sal. cath. amar 3i—. Chrystl. Tart. pulv. 3ij: aquæ simp. bullientis ℥iv ℞ fiat solutio et adhuc tepida, bibenda; ac postea, ad libitum, pulmentaria tenuia et tea.

At night the following draught was frequently prescribed. ℞ Tinct. Cort. per. Huxam 3iij.

Sem. virg.	—— 3ß
Theb. gutt. x	—— XXX
aquæ simp.	—— 3ij

Syp. comm. q. s. fiat Haustus

And in general cases when the headache was violent a blister was applied to the back. when it was applied for the head ache, he says it often cured. next day being the 3d or 4th of the patients complaining he prescribed the Bark.

℞. pulv. Cort. peruv. 3i. aquæ simp 3iß fiat haustus; sed, ut visum, Elixir. vit. gutt. vi— vel Tinct. Theb. gutt xx. vel vinii alb. cochlear unum: sometimes the dose was increased to 3ij. —— This draught was taken every hour, or every 2, 3 or 4 hours, as was thought proper; but two ounces of the following decoction with other medicines was more generally ordered after the same manner

℞ Cort peruv. Crasp. pulv. 3iv.
Elecithin Crasp. pulv. 3ij aquæ simp. comp. iij. coque ad comp. ij et cola. But the Bark was always for the worst cases prescribed in substance. — In cases of constipation he joined either from x to xx grs. of Rhei. or more frequently Sal. Cath. amar. 3ij — 3ß. sometimes Tart. Emet gr ¼ — ß. when violent pains were complained of at night. he ordered the following Anodyne boluses. ℞ Camph. gr. 4. opii gr. ß — i — ut visum fiat bolus. and for convas-

The Gaol, Ship and Hospital fever. — . — .

According to Doct. Robertson (who practised with great success in this disease in the British army) the symptoms which generally introduce this fever, are rigors or chillings, or attenuate chills and heats: sickness at stomach, head-ache, universal pains (or as the sick express it, pains all over them, or pains in all their bones), but especially in the loins or back, and a morbid appearance in the countenance, with less or more debility. — But the manner of attack & symptoms are various — The bowels were mostly affected — diarrhoea & dysentery, or obstinate costiveness — the spirits were generally depressed. nausea, retching & vomiting (poracuus or bilious) were common — head confused, or disturbed with pain. syncope, & epilepsy in some cases — hemorrhage at the nose — tooth ache & sore throat. swelling about the precordia, and of the abdomen after chillings. a troublesome cough often attended & difficult respiration. profuse sweating was common this the usual course 76, 76, various degrees of heat and thirst succeeded the rigors and chillings in different persons. In some, the heat was burning and thirst insatiable. The pulse rained no less If there was a remission, the exacerbation generally came on in the evening.

He generally gave a vomit of Ipec: or small doses of Tart. Emet. gr. ss. or j. gr. ss. or j — of T. Emet. to the Ipec. as soon as the patient first complained in many cases this alone carried off the disease as soon as this had operated he gave one of the following sudorifics. Rx. Sal. C.C. gr v. — aqua gr ss. fiat haustus vel Tart. Emet. gr. j — aqua gr ss. fiat haustus, hora somni deglutiendus. Grant. Autum. Hiemem. get. XV — XL. Tinct. Herbae. get XV — XXX secundum aegri statum. aqua simp. Zjss. Syr. com. Zj. fiat haust., hora somni sumendus.

"Both nature & experience had given him a
Level & an apposite mind for all occasions
& his recollect presence of mind was
ever always ready to come at it."

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The sovereign remedy for a woman's grief, for the
loss of any favorite, whether a cat, a sparrow or
any husband or a new one.

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